



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4182-1**Job Sheet 193487****Part No:** D4182-1**Job Qty:** 20 pcs**Part Name:** Fitting, Quick Disconnect**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 4/15/19**Job Tracking No:****Due Date:** 4/30/19**Created By:** Marie Lajeunesse**Type:** SOLD**Description:****Note:** DWG REV B**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	20 pcs	4/30/19	4/30/19	0.00	0.00	Purchasing - 1	APR 29 2019
							Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	20 pcs	4/30/19	4/30/19	0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	APR 29 2019
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	
							Packaging 2 - 28 - B4B	

**Container No:** S175971**Part:** D4182-1**Job No:** 193487**Serial No/Batch:** S175971**Revision:****Inspector:****Exp Date:****Instructions:** Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 04/29/19

Plex 4/15/19 4:06 PM Dart.lajeunesse.marie

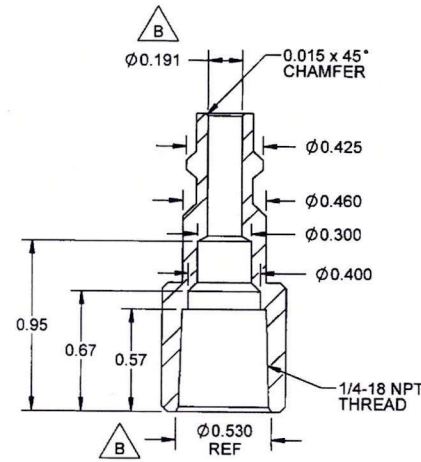
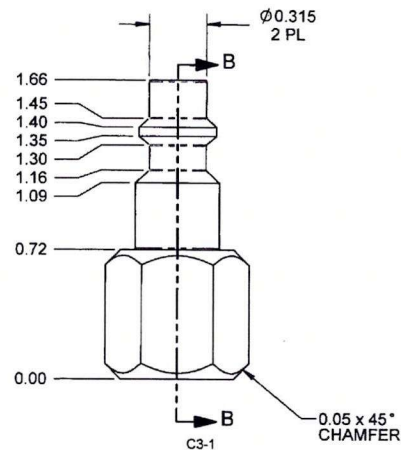
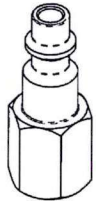
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120	QC 6	20 pcs	4/30/19	0.00 0.00	QC 6 - 9	DAS
					QC 6 - 68	APR 29 2019 68
					QC 6 - 61	9-89
					QC 6 - 40	
130	Packaging 3-1 - Stock - B4B	20 pcs	4/30/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	51084 APR 30 2019
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140	QC 21 - SA	20 pcs	4/30/19	0.00 0.00	QC 21 - SA - 21	APR 30 2019
					QC 21 - SA - 70	
					QC 21 - SA - 53	

Part Op 100 - (Purchasing) Issue P/O: _____ Purchase Part Number: P/N 6718K52 Supplier: MCMaster CARR
 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure material release note is attached
 120 - (QC6- All purchased or subcontracted products)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - QC21- Final Inspection - Work Order Release)

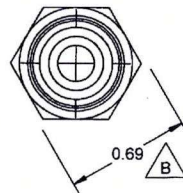
Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
6718K52	Fitting, Quick Disconnect D4182-1	20 pcs (1 ea)	100-Purchasing	5175970
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	6718K52	20	0	0
Part Specifications				
Specifications could not be found.				

Plex 4/15/19 4:06 PM Dart.lajeunesse.marie

SPECIFICATION CONTROL DRAWING



SECTION B-B C6-1



D4182-1 FITTING, QUICK DISCONNECT

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 193487 M15
190415

RELEASED
2011-06-30

NOTES:

- 1) MATERIAL: STAINLESS STEEL
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.07 lbs
- 8) POSSIBLE SUPPLIER: McMASTER CARR P/N 6718K52

B	0.191 WAS 0.201 (ZN D4-1); 0.57 WAS 0.45 (ZN C4-1); 0.69 WAS 0.62 (ZN B5-1)	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	DSC-D4182	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	FITTING	NTS
DATE	11.03.07	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



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PURCHASE ORDER

PO043219



Supplier: MCM001-VU
McMaster-Carr Supply Co.
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

Attention: N/A,

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO043219

PO Date: 4/16/19

Due Date: 4/22/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Via: Ground

Pymt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

REVISED \$

APR 17 2019

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		188-FPSS-832-3/8	92311A192 100 pcs per pk	Set Screw	Firmed	-	4/22/19	100 Ea	0 Ea	100 Ea	\$0.0515/Ea	\$5.15
					100 X		APR 29 2019					
2		20NR-03	92383A695 100/PK	Solenoid Pin : ROLL PIN 1/8" X 5/8" SS	Firmed	-	4/22/19	100 Ea	0 Ea	100 Ea	\$0.0904/Ea	\$9.04
					100 X		APR 29 2019					
3		30125T403	1/pk	Turn Buckle Body	Firmed	-	4/22/19	10 pcs	0 pcs	10 pcs	\$2.15/pcs	\$21.50
					10 X		APR 29 2019					
4		482X	5553A66	Wrench, 7/16 Hex Drill, Power #2	Firmed	-	4/22/19	6 Ea	0 Ea	6 Ea	\$9.87/Ea	\$59.22
					6 X		APR 29 2019					
5	193487	6718K52		Fitting, Quick Disconnect D4182-1 : AS PER DWG D4182 REV. B	Firmed	-	4/22/19	20 pcs	0 pcs	20 pcs	\$5.98/pcs	\$119.60
					20 X		APR 29 2019					
6		87975K55	75 ft roll	Nylon Fabric Strip, Black, 1" Wide x 75 Feet Long, 0.02" Thick	Firmed	-	4/22/19	75 ft	0 ft	75 ft	\$0.2781333/ft	\$20.86
7		88625K65	3 ft long	Dowel Pin Ø6mm x 40mm	Firmed	-	4/22/19	12 ft	0 ft	12 ft	\$2.16/ft	\$25.92
					X12		APR 24 2019					

Line Item Note 4 pcs of 3 ft

*DAS
68
9-89*

DP



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PURCHASE ORDER

PO043219



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
8		90281A640	1/pk	Threaded Stud 3/8-16 X 4.0"	Firmed	-	4/22/19	20 Ea	0 Ea	20 Ea	\$1.71/Ea	\$34.20
9		92949A595	10/pk	SS Button Head Drive Screw	Firmed	-	4/22/19	100 Ea	0 Ea	100 Ea	\$0.493/Ea	\$49.30
10		93286A013	100/pk	Aluminum Washer 0.265" ID. X 0.688" OD.	Firmed	-	4/22/19	200 Ea	0 Ea	200 Ea	\$0.078/Ea	\$15.60
11		93600A252	25/pk	316 SS Dowel Pin 2.5 mm Dia. x 6 mm Lg.	Firmed	-	4/22/19	75 Ea	0 Ea	75 Ea	\$0.2464/Ea	\$18.48
12		9559K41	10/pk	O-Ring	Firmed	-	4/22/19	50 Ea	0 Ea	50 Ea	\$1.268/Ea	\$63.40
13		9657K389	6/pk	Compression Spring	Firmed	-	4/22/19	6 Ea	0 Ea	6 Ea	\$1.081666/Ea	\$6.49
14		97135A210	25/pk	Nylon Lock Nut, 1/4-20	Firmed	-	4/22/19	25 Ea	0 Ea	25 Ea	\$0.1424/Ea	\$3.56
15		98035A106	100/pk	Flat Washer receive ea	Firmed	-	4/22/19	100 Ea	0 Ea	100 Ea	\$0.0578/Ea	\$5.78
16		98404A250		Quick Release Pin, Ø5/16 X 1	Firmed	-	4/22/19	10 Ea	0 Ea	10 Ea	\$2.32/Ea	\$23.20
17		C45-15-3	95030A270 10/pk	Lifting Bolt Castle Nut	Firmed	-	4/22/19	20 pcs	0 pcs	20 pcs	\$1.118/pcs	\$22.36
18		C45-15-7	98023A036 20/pk	Washer, Lifting Bolt	Firmed	-	4/22/19	40 pcs	0 pcs	40 pcs	\$0.559/pcs	\$22.36
19		EL-PLUG-F	7216k6 1/pk color yellow	3-Prong Female Spade Plug	Firmed	-	4/22/19	10 Ea	0 Ea	10 Ea	\$13.60/Ea	\$136.00
20		EL-PLUG-M	7216k5 1/pk color yellow	3-Prong Male Spade Plug	Firmed	-	4/22/19	10 Ea	0 Ea	10 Ea	\$7.80/Ea	\$78.00



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Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
21		MT-BRONZE-C63000-R0.500	8203K21 3 FT long	Bronze C63000 Round Bar 0.500" : MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed -		4/22/19	3 ft	0 ft	3 ft	\$18.20666/ft	\$54.62
					X3		APR 24 2019			DP		
22		MT-BRONZE-C63000-R1.000	8203K61 3 FT long	Bronze C63000 Round Bar 1.000" : MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed -		4/22/19	3 ft	0 ft	3 ft	\$56.84/ft	\$170.52
					X3		APR 24 2019			DP		
23		MT-O1-R0.1875	8893K178 6ft long	Tool Steel Round Bar 0.1875 dia. : Material: AISI 01 TOOL STEEL ROUND BAR DIN 1.2510 or B.S. BO 1 or SAE J437 or SAE J438 or UNS T31501 or ASTM A681 receive ft	Firmed -		4/22/19	12 ft	0 ft	12 ft	\$1.301666/ft	\$15.62
					X12		APR 24 2019			DP		
Line Item Note 2 pcs of 6 ft												
24		SWA3-700	9529K15 100/per pk	Bearing Balls - 1/4"	Firmed -		4/22/19	500 Ea	0 Ea	500 Ea	\$0.1332/Ea	\$66.60



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PURCHASE ORDER PO043219



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
25		SWA6A-1900	69525K16 100/pk	1/4" Female Spade Connector	Firmed	-	4/22/19	200 Ea	0 Ea	200 Ea	\$0.0772/Ea	\$15.44
26		98404A959	1/pk	Quick Release Pin, Ø1/4 X 1	Firmed	-	4/22/19	5 Ea	0 Ea	5 Ea	\$2.08/Ea	\$10.40
27		M301S23GA-H50	3543T53 3/SF	301 SS SHEET, 12" x 36", 1/2 Hard Temper, 0.029" Thick	Firmed	-	4/22/19	9 sf	0 sf	9 sf	\$26.77/sf	\$240.93
Line Item Note 3 PCS OF 12" X X 36"												
28		C45-11-2	90145A510 20/pk	Locating Pin	Firmed	-	4/22/19	20 Ea	0 Ea	20 Ea	\$0.423/Ea	\$8.46

Grand Total: \$1,322.61

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

CL

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/17/19 1:32 PM dart.lavoie.chantal



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO043219

Order Placed By
Chantal Lavoie

McMaster-Carr Number
3119353-03

Page 1 of 2

04/17/2019

Line	Product	Ordered	Shipped
1	92311A192 18-8 Stainless Steel Cup-Point Set Screw, 8-32 Thread, 3/8" Long, Packs of 100	1 Pack	1 ✓
2	92383A695 400 Series Stainless Steel Slotted Spring Pin, 1/8" Diameter, 5/8" Long, Packs of 100	1 Pack	1 ✓
3	30125T403 Closed-Body Aluminum Turnbuckle-Not for Lifting, Hook-to-Hook, 90 lbs. Capacity, 5-1/2" Retracted Length	10 Each	10 ✓
4	5553A66 7/16" Hex to 3/8" Power Square Drive Adapter	6 Each	6 ✓
5	6718K52 303 Stainless Steel Industrial-Shape Air Hose Coupling, Plug, 1/4 Coupling Size, 1/4 NPTF Female End	20 Each	20 ✓
6	87975K55 Nylon Fabric Strip, Black, 1" Wide x 75 Feet Long, 0.02" Thick	1 Each	1 ✓
8	90281A640 Setup Stud, 3/8"-16 Thread Size, 4" Long, 1-1/4" Long Threads	20 Each	20 ✓
9	92949A595 18-8 Stainless Steel Button Head Hex Drive Screw, 5/16"-24 Thread Size, 3/8" Long, Packs of 10	10 Packs	10 ✓
10	93286A013 Aluminum Washer for 1/4" Screw Size, 0.265" ID, 0.688" OD, Packs of 100	2 Packs	2 ✓
11	93600A252 316 Stainless Steel Dowel Pin, 2.5mm Diameter, 6mm Long, Packs of 25	3 Packs	3 ✓
12	9559K41 Ultra-Chemical-Resistant Rigid PTFE O-Ring, 1/8 Fractional Width, Dash Number 219, Packs of 10	5 Packs	5 ✓
13	9657K389 Compression Spring, 2" Long, 0.42" OD, 0.326" ID, Packs of 6	1 Pack	1 ✓
14	97135A210 High-Strength Steel Nylon-Insert Locknut, Grade 8, Zinc Yellow-Chromate Plated, 1/4"-20 Thread Size, Packs of 25	1 Pack	1 ✓
15	98035A106 Black-Oxide Steel Oversized Washer for M10 Screw Size, 10.5 mm ID, 19 mm OD, Packs of 10	10 Packs	10 ✓
16	98404A250 18-8 Stainless Steel Ring-Grip Quick-Release Pin, 5/16" Diameter, 1" Usable Length	10 Each	10 ✓
17	95030A270 Low-Strength Steel Locknut for Use with Cotter Pins, 3/4"-16 Thread Size, Packs of 10	2 Packs	2 ✓
18	98023A036 Zinc Yellow-Chromate Plated Grade 8 Steel Washer for 3/4" Screw Size, 0.812" ID, 1.469" OD, Packs of 20	2 Packs	2 ✓
19	7216K6 Hinged Straight-Blade Housing, 3-Slot Socket, NEMA 5-15, Yellow	10 Each	10 ✓
20	7216K5 Hinged Straight-Blade Housing, Hinged, 3-Blade Plug, Grounded, NEMA 5-15, Yellow	10 Each	10 ✓

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO043219

Order Placed By
Chantal Lavoie

McMaster-Carr Number
3119353-03

Page 2 of 2

04/17/2019

Line	Product	Ordered	Shipped
24	9529K15 Hardened 440C Stainless Steel Ball, 1/4" Diameter, Packs of 100	5 Packs	5
25	69525K16 Noninsulated Quick-Disconnect Terminals, Single-Crimp Female, 16-14 Gauge, 1/4" Wide x 0.032" Thick Tab, Packs of 100	2 Packs	2
26	98404A959 18-8 Stainless Steel Ring-Grip Quick-Release Pin, 1/4" Diameter, 1" Usable Length	5 Each	5
28	90145A510 18-8 Stainless Steel Dowel Pin, 3/16" Diameter, 1" Long, Packs of 20	1 Pack	1

Shipped separately from our Atlanta warehouse on 04/17

27	3543T53 Fatigue-Resistant 301 Stainless Steel Sheet with Certification, 12" x 36", 1/2 Hard Temper, 0.029" Thick	3 Each	3
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